

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTALAB1643

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 3 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new
predefined hit display formats
NEWS 4 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 5 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 6 MAY 30 INPAFAMDB now available on STN for patent family
searching
NEWS 7 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology
sequence search option
NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 9 JUN 06 KOREAPAT updated with 41,000 documents
NEWS 10 JUN 13 USPATFULL and USPAT2 updated with 11-character
patent numbers for U.S. applications
NEWS 11 JUN 19 CAS REGISTRY includes selected substances from
web-based collections
NEWS 12 JUN 25 CA/CAPLUS and USPAT databases updated with IPC
reclassification data
NEWS 13 JUN 30 AEROSPACE enhanced with more than 1 million U.S.
patent records
NEWS 14 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional
options to display authors and affiliated
organizations
NEWS 15 JUN 30 STN on the Web enhanced with new STN AnaVist
Assistant and BLAST plug-in
NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17 JUL 28 CA/CAPLUS patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status
information from the epline Register
NEWS 19 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 20 JUL 28 STN Viewer performance improved

NEWS 21 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22 AUG 13 CA/CAPplus enhanced with printed Chemical Abstracts
page images from 1967-1998
NEWS 23 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 24 AUG 15 CAPplus currency for Korean patents enhanced
NEWS 25 AUG 25 CA/CAPplus, CASREACT, and IFI and USPAT databases
enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure
comprehensive access to substance and sequence
information
NEWS 27 SEP 18 Support for STN Express, Versions 6.01 and earlier,
to be discontinued
NEWS 28 SEP 25 CA/CAPplus current-awareness alert options enhanced
to accommodate supplemental CAS indexing of
exemplified prophetic substances
NEWS 29 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and
and Korean patents enhanced
NEWS 30 SEP 29 IFICLS enhanced with new super search field
NEWS 31 SEP 29 EMBASE and EMBAL enhanced with new search and
display fields
NEWS 32 SEP 30 CAS patent coverage enhanced to include exemplified
prophetic substances identified in new Japanese-
language patents

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation
of commercial gateways or other similar uses is prohibited and may
result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:50:02 ON 06 OCT 2008

=> file caplsu
'CAPLSU' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'HOME'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> file caplus

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		0.21	0.21

FILE 'CAPLUS' ENTERED AT 17:50:42 ON 06 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 6 Oct 2008 VOL 149 ISS 15
FILE LAST UPDATED: 5 Oct 2008 (20081005/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s CB/ior-CEA.1

'IOR-CEA.1' IS NOT A VALID FIELD CODE

L1 0 CB/IOR-CEA.1

=> s (CB/ior-CEA.1)

'IOR-CEA.1' IS NOT A VALID FIELD CODE

L2 0 (CB/IOR-CEA.1)

=> s (CB and ior-CEA.1)

14868 CB

5020 CBS

19503 CB

(CB OR CBS)

208 IOR

7 IORS

214 IOR

(IOR OR IORS)

7493 CEA

216 CEAS

7685 CEA

(CEA OR CEAS)

9833099 1

2 IOR-CEA.1

(IOR(W)CEA(W)1)

L3 1 (CB AND IOR-CEA.1)

=> d L3 bib abs 1

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:892815 CAPLUS

DN 139:380012

TI Specific antibody fragments for the human carcinoembryonic antigen (CEA)

IN Gavilondo Cowley, Jorge Victor; Ayala Avila, Marta; Freyre Almeida, Freya de los Milagros; Acevedo Castro, Boris Ernesto; Bell Garcia, Hanssel; Roque Navarro, Lourdes Tatiana; Gonzalez Lopez, Luis Javier; Cremata Alvarez, Jose Alberto; Montesino Segui, Raquel

PA Centro de Ingenieria Genetica y Biotecnologia, Cuba

SO PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DT Patent

LA Spanish

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003093315	A2	20031113	WO 2003-CU5	20030428
	WO 2003093315	A3	20040108		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,

FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2482411	A1	20031113	CA 2003-2482411	20030428
AU 2003223831	A1	20031117	AU 2003-223831	20030428
BR 2003004649	A	20040720	BR 2003-4649	20030428
EP 1505076	A2	20050209	EP 2003-720119	20030428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1649901	A	20050803	CN 2003-809658	20030428
CN 1326877	C	20070718		
JP 2006500913	T	20060112	JP 2004-501454	20030428
RU 2294939	C2	20070310	RU 2004-134601	20030428
ZA 2004008720	A	20060329	ZA 2004-8720	20041027
MX 2004PA10695	A	20050217	MX 2004-PA10695	20041028
US 20050158322	A1	20050721	US 2005-511794	20050317
US 20070199078	A1	20070823	US 2007-731442	20070330
PRAI CU 2002-86	A	20020429		
WO 2003-CU5	W	20030428		
US 2005-511794	A3	20050317		

AB The invention relates to mono- and bivalent (diabody) single-chain Fv-type (scFv) antibody fragments which are obtained using recombinant DNA techniques from the carcinoembryonic anti-antigen (CEA) monoclonal antibody (McA) CB/ior-CEA.1. The aforementioned McA has a high affinity for the CEA and is used in the diagnosis and monitoring of colorectal tumors in humans. As with the original McA, diabody and monovalent scFv fragments exhibit high affinities for the human CEA and recognize an epitope that is dependent on carbohydrate conservation. The diabody and monovalent scFv fragments have affinity consts. for the CEA of $(5.0 \pm 0.4) \times 10^9 \text{ L mol}^{-1}$ and $(2.8 \pm 0.3) \times 10^{10} \text{ L mol}^{-1}$ resp. The two aforementioned fragments do not display cross-reactivity with normal human tissues and cells, except for the normal colonic mucosa where the CEA is occasionally present. Said fragments can be produced through expression in recombinant micro-organisms from the cloning of nucleic acid sequences that code for variable regions obtained from the hybridoma that is produced by the CB/ior-CEA.1 McA. As with the original McA, the diabody and the monovalent scFv have a capacity for the in vivo identification in rats of human CEA-producing cells which grow forming tumors. The monovalent scFv and diabody do not possess Fc domains and the mol. sizes of said monovalent scFv and diabody are 5 and 2.5 times, resp., less than the rat McA. As a result, the aforementioned monovalent scFv and diabody can better penetrate tissues in vivo and are less immunogenic in humans.

=> s Tomoro and CEA

0 TOMORO
7493 CEA
216 CEAS
7685 CEA
(CEA OR CEAS)
L4 0 TOMORO AND CEA